Technical sheet:

MLT-X 738-130 PS+ (S1)





Nace sensity		MLT-X 738-130 PS+ (S1) Created on September 1, 2025 at 8:0	3 AIVI U
Max Minor April Minor	Capacities	Metric	
Maximum nomembe	Max. capacity	Q 3800 kg	
Teach of trans. Inspired	Max. lifting height	h3 6.91 m	
Besitout fire with books	Maximum outreach	3.98 m	
Weight and dimensioned 4 3,437 kg 2,41 m 3,437 kg 2,41 m 3,437 kg 2,41 m 4,41 m 3,437 kg 2,41 m 3,437 kg 2,41 m 3,53 m 3,62 kg 2,41 m 3,53 m 3,53 m 3,53 m 3,53 m 3,52 m <td>Reach at max. height</td> <td>1 m</td> <td></td>	Reach at max. height	1 m	
124 124 125	Breakout force with bucket	6095 daN	
Distance	Weight and dimensions		
Wheelbase y 2.81 m Deceil langth of castage (with hitch) 11 5.53 m Event and Stand 10 1.27 m Deceil Langth 10 1.27 m Deceil Langth 10 1.27 m Deceil Langth 10 1.23 m Deceil Langth 10 2.23 m Deceil Langth 15 1.32 m Elevated Homes 45 1.33 m Elevated Homes 45 1.33 m Elevated Homes 48 1.41 m Elevated Homes 49 2.72 m Full Control 9 2.73 m Elevated Homes 9 3.03 m Elevated Homes 9 3.03 m Elevated Homes 9 1.00 m Elevated Homes 9 1.00 m Elevated Homes	Unladen weight (with forks)	7470 kg	
11 12 12 12 12 12 12 12	Ground clearance	m4 0.41 m	
1.27 m 1.27 m 1.27 m 1.27 m 1.27 m 1.28 m 1	Wheelbase	y 2.81 m	
Decall Inches Decal Inches Decal Inches Decal Inches Decal Inches Decal Inches Decal Inche	Overall length to carriage (with hitch)	l11 5.03 m	
Desall sale shale	Front overhang	1.27 m	
Decal Height http://midoon.org/ 2.8 m milliodoon.org/ 35 313 * m milliodoon.org/ 36 34 14 * milliodoon.org/ 39 m 39 m Alliance - ASSA - A68/70 R24 159A8 Alliance - A58/70 R24 159A8 Alliance - A58/70 R24	Overall width	b1 2.39 m	
Till down anging as	Overall cab width	b4 0.95 m	
Till down anging as	Overall height	h17 2.38 m	
Tilling pangle	-		
External funning radius (over yess) Wal 3.93 mt Alliance - A.580 - 460/70 R24 159.88 Caliance - A.580 - 460/70 R24 159.88 Alliance - A.580 - 460/70 R24 159.88 2 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2 3 / 2			
Alliance - A580 - 44077 824 159A8 1007 824 159A8 10			
2 / 2 2 2 2 2 2 2 2 2			ıΛΩ
Steeding wheels (front / reag)			
Performances			
Lifting			
Extension		7.20 0	
Extension 6.30 s Retraction 5.70 s Crowd 3.60 s Dump 3.10 s Engine			
Retaction 5.70 s Crowd 3.60 s Dump 3.10 s Engine			
Crowd 3.60 s 3.10 s 3.			
Dump Simple Simple Single Sin			
Engine Engine brand Deutz Engine brand Stage IIIA Engine model TCB 3,61.4 f Number of cylinders - Capacity of cylinders 4 - 3627 cm² C.E. Engine pome rating / Power 129 Hp / 95 kW Max. tonger / Engine rotation 500 Nm (a 1600 pm) Denwbar pull (Laden) 8000 daN Reversible fan Standard Engine cooling system 4 radisfors (water + intercooler + hydraulic cell + transmission of the cooling system Yes HVD validated (according to EN 15940 standard) Yes Transmission type Torque converter Gearbox Powershift Max. travel speed (may vary according to applicable regulations) 4 km/h Limited slip differential onch Limited slip differential on rotat ale Newline of geard (may vary according to applicable regulations) 4 km/h Limited slip differential onch taxing brake Quality differential on rotat ale Service brake Automatic negative parking brake Quality differential on rotat & rea Verydraulic tox Persesure 150 Jmin - 270 bar Hydraulic pump bye Yes to the companity of the companity of the			
Engine brand Deutz Engine nom Stage IIIA Engine model TCD 3,6 L4 f Number of cylinders - Capacity of cylinders 4 - 3621 cm³ LC. Engine power rating / Power 129 Hp / 95 KW Max. Enque / Engine reation 500 Nm @1600 pm Drawbar pull (Laden) 500 Nm @1600 pm Drawbar pull (Laden) 8000 daN Engine cooling system 4 radiators (water - intercooler + hydraulic oil + stansmission di) Engine cooling system 4 radiators (water - intercooler + hydraulic oil + stansmission typ Volundarid (according to EN 15940 standard) Yes Transmission typ To requestive converter Search X Powershift Number of gears (forward / reverse) 6 / 3 Number of gears (forward / reverse) 6 / 3 Number of gears (forward / reverse) 6 / 3 Number of gears (forward / reverse) 6 / 3 Number of gears (forward / reverse) 6 / 3 Number of gears (forward / reverse) 6 / 3 Value of gears (forward / reverse) 6 / 3 Value of gears (forward / reverse) 7 5 de (forward / reverse) <		3.10 s	
Engine nome Engine model TD 3,6.14 f NUMBER of Cylinders - Capacity of cylinders LG. Engine power rating / Power Max. Lorque / Engine trotation TD 36,5.14 f Number of Cylinders - Capacity of cylinders LG. Engine power rating / Power Max. Lorque / Engine trotation TD 99 h / 95 kW Max. Lorque / Engine trotation TD 900 km @1600 tpm Drowbarp pill (Laden) Reversible fan Sandard Sandar			
Engine model TCD 3.6 L4 f Number of cylinders Capacity of cylinders 4 - 3621 cm² LC. Engine power rating / Power 12 Ph / 9 SkW Max. torque / Engine rotation 500 Nm @16000 rpm Drawbar pull (Laden) 8000 dan Reservable fan Standard Engine cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) HVO validated (according to EN 15940 standard) Yes Transmission Torque converter Gearbox Powershift Number of gears (forward / reverse) 6 / 3 Max. travel speed (may vary according to applicable regulations) 40 km/h Differential lock Limited slip differential on front axle Parking brake 01-1-marked speed (may vary according to applicable regulations) Limited slip differential on front axle Parking brake 01-1-marked speed (may vary according to applicable regulations) Unimersed mitt-discs braking on front & rea Parking brake 01-1-marked speed (may vary according to applicable regulations) Variable displacement pump Pidydaulic Row - Pessure 150 l/min - 270 bar Prove brake 150 l/min - 270 bar	•		
Number of cylinders - Capacity of cylinders 1.C. Engine power rating / Power 1.29 Hp / 95 kW 1.29 Hp / 95 kW 1.29 Hp / 95 kW 1.20 Hp / 95	Engine norm		
LC. Engine power rating / Power 129 Hp / 95 kW Max. Lorque / Engine rotation 500 km @1600 rpm Reversible fan Standard Engine cooling system 4 radiators (water + intercooler+ hydraulic oil + transmission oil) HVD validated (according to EN 15940 standard) Yes Transmission Torque converter Gearbox Powershift Number of gears (forward / reverse) 6 / 3 Max. travel speed (may vary according to applicable regulations) 4 40 km/h Differential lock Limited slip differential on front axle Parking brake Oli-immersed multi-discs braking on front & real expective brake Hydraulic pump type Variable displacement pump Hydraulic flow- Pressure 150 l/min - 270 bar Flow sharing distributor Standard Tank capacities 135 l Hydraulic tank capacity 135 l Evel tank 120 l Noise and driving position (LpA) tested following NF EN 12053 norm 75 dB Noise and driving position (LpA) tested following NF EN 12053 norm 75 dB Wibestolon on hands/arms Cabin ROPS - FOPS level 2	Engine model		
Max. torque / Engine rotation 500 Nm @1600 rpm Drawber pull (Laden) 8000 dan Reversible fan Standard Engine cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) HVO validated (according to EN 15940 standard) Torque converter Gearbox Torque converter Gearbox Powershift Number of geas (forward / reverse) 6 / 3 Max. tavel speed (may vary according to applicable regulations) 4 kmr/h Limited slip differential ock Limited slip differential or front axle Parking brake Automatic negative parking brake Service brake Oil-immersed multi-discs braking on front & rea axles Service brake Oil-immersed multi-discs braking on front & rea axles Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure 150 (/min - 270 bar Flow sharing dishibutor Standard Tank capacities 135 1 Hydraulic tank capacity 135 1 Fleet lank 120 1 Noise and vibration 75 dB Wibration on hands/arms < 2.50 m/s²	Number of cylinders - Capacity of cylinders	4 - 3621 cm ³	
Drawbar pull (Laden) Reversible fan Sandard Engine cooling system	I.C. Engine power rating / Power	129 Hp / 95 kW	
Reversible fan Standard Aradiator's (water intercooler in hydraulic oll in transmission oil) Yes Transmission (Water intercooler in hydraulic oll intransmission oil) Yes Transmission (Water intercooler in hydraulic oll intransmission (Water in Hydraulic on Hydraulic of Gearbox Powershift (Water in Hydraulic of Gearbox Powershift (Water in Hydraulic on Hydraul	Max. torque / Engine rotation	500 Nm @1600 rpm	
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transmission oil) Yes Yes Transmission type Gearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Service brake Service brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacity Fuel tank Noise and vibration Noise and diving position (LpA) tested following NF EN 12053 norm Miscellaneous Cab certification Miscellaneous Cab certification Yes Torque converter Powershift Automatic negative and the displacement pump Hydraulic ship and the displacement pump 150 1/min - 270 bar Standard Tank capacity 75 dB Variable displacement pump 100 1 35 1 35 1 35 1 35 1 35 1 35 1 35 1 35	Reversible fan	Standard	
Transmission type Gearbox Powershift Gearbox Number of gears (forward / reverse) Adax. travel speed (may vary according to applicable regulations) Differential lock Parking brake Parking brake Service brake Hydraulics Hydraulics Hydraulics Hydraulic pump type Variable displacement pump Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Wibration on hands/arms Cab certification Cab icertification Cab icerti	Engine cooling system		ulic oil +
Transmission type Gearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) Molfferential lock Parking brake Parking brake Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Hydraulics Variable displacement pump Hydraulic flow - Pressure Flow sharing distributor Trank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Cab certification Cabi ROPS - FOPS level 2	HVO validated (according to EN 15940 standard)	Yes	
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Fearbox Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Parking brake Service brake S	Transmission type	Torque converter	
Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Max. travel speed (may vary according to applicable regulations) At 0 km/h Limited slip differential on front axle Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Hydraulic tank capacity Hydraulic tank capacity Noise and divitation Noise and divining position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Wibration on hands/arms Cab certification Cab certification Cab in ROPS - FOPS level 2	Gearbox	Powershift	
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Differential lock Parking brake Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Hydraulics Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise at driving position (LpA) tested following NF EN 12053 norm Miscellaneous Cab certification Limited slip differential on front axle Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Variable displacement pump 150 l/min - 270 bar Standard Tank capacities 120 l 135 l 120 l 120 l Cabin ROPS - FOPS level 2			
Parking brake Service brake Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Variable displacement pump Variable displacement pump 150 l/min - 270 bar 150 l/min - 270 bar 150 l/min - 270 bar 151 l 120 l 135 l 120 l 120 l 135 l 120			ixle
Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Oil-immersed multi-discs braking on front & rea axles Variable displacement pump 150 I/min - 270 bar Standard Standard 150 I/min - 270 bar 150 I/min - 270			
Axles Hydraulics Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Avaiable displacement pump 150 I/min - 270 bar Standard Standard Tank capacities 120 I 135 I 120 I 75 dB < 2.50 m/s² Cabin ROPS - FOPS level 2			
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Variable displacement pump 150 l/min - 270 bar Standard Standard 120 l 135 l 120 l	Service brake		Jiit & icai
Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification 150 I/min - 270 bar Standard 150 I/min - 270 bar Standard 135 I 135 I 130 I 135 I 130 I 135 I 130 I 135 I 130 I 135 I 135 I 130 I 135 I 130 I 135	Hydraulics		
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Standard 135 I 120 I	Hydraulic pump type	Variable displacement pump	
Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Cab certification Cab in ROPS - FOPS level 2	Hydraulic flow - Pressure	150 l/min - 270 bar	
Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB Vibration on hands/arms Miscellaneous Cab certification 135 I 120 I 12	Flow sharing distributor	Standard	
Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB Vibration on hands/arms Aliscellaneous Cab certification Cab in ROPS - FOPS level 2	Tank capacities		
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB 175 dB	Hydraulic tank capacity	135	
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB 175 dB	Fuel tank	120	
Noise at driving position (LpA) tested following NF EN 12053 norm 75 dB Vibration on hands/arms Miscellaneous Cab certification Cabin ROPS - FOPS level 2	Noise and vibration		
Vibration on hands/arms < 2.50 m/s²		75 dB	
Miscellaneous Cab certification Cabin ROPS - FOPS level 2			
Cab certification Cabin ROPS - FOPS level 2		· 2.30 III/3	
		Cahin ROPS - FORS level 2	
	Controls	JSM	

Optional tires tab

	Overall height	Overall widt
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m

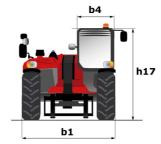
Options / Finishing

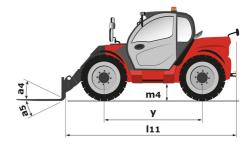
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	0	S
Regenerative Hydraulics	0	0	0	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB radio - With extra microphone - 100W	0	0	S	S
Bluetooth USB radio - With integrated microphone - 100W	0	S	-	-
Boom suspension - "Active CRC"	0	0	S	S
Exterior right electric rear-view mirror with de-icing	0	0	S	S
Extra front wiper	0	S	S	S
HighView camera on boom head (telescopic part)	0	0	0	S
Lateral wiper	S	S	S	S
Low frequency air suspension fabric seat - GRAMMER	0	0	S	-
Low frequency air suspension fabric seat with heating - GRAMMER	0	0	0	S
Mechanical suspension fabric seat - GRAMMER	S	•	-	-
SafeView camera pack - Right hand side and rear (x2)	0	0	0	S
Storage box - On the shelf	0	0	0	S
Tuner car radio - 50W	S	-	-	-
Vision screen - 7 in.	S	S	S	S
Motorization/Power				
Auto reversing fan	S	S	S	S
Continuous flow hydraulics	0	0	S	S
Hand throttle	0	0	S	S
Secondary functions				
Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
Lighting				
LED+ side work lights (x4)	0	0	0	S
led front road lights	0	0	0	S
LED work lights - On the top of the boom (fixed part) (x2)	0	0	0	S

MLT-X 738-130 PS+ (S1) - Dimensional drawing

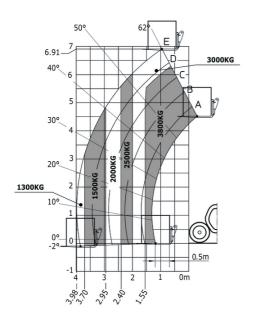






MLT-X 738-130 PS+ (S1) - Load chart

Machine on tires with forks Metric







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